

capricolum (SEQ ID NO: 39), *B. subtilis* (SEQ ID NO: 40) and consensus sequence (SEQ ID NO: 41). Abbreviations are the same as in Figure 6. "*" indicates conserved, "." non-conserved phosphorylation sites. "o" indicates the conserved Cys 62 of the mature *H.s.* E1 α sequence.

Figure 9 shows the alignment of the deduced amino acid sequences of PDC E1 β from Plastid *A.t.* (SEQ ID NO: 42), *P. purpurea* (SEQ ID NO: 43), *A. thaliana* (SEQ ID NO: 44), *H. sapiens* (SEQ ID NO: 45), *S. cerevisiae* (SEQ ID NO: 46), *A. suum* (SEQ ID NO: 47), *M. capricolum* (SEQ ID NO: 48), *B. subtilis* (SEQ ID NO: 49) and a consensus sequence (SEQ ID NO: 50). Abbreviations are the same as in Figure 6.

Figure 10 shows the alignment of the deduced amino acid sequences of various BCOADC E1 β subunits, *A.t.* (SEQ ID NO: 51), Human (SEQ ID NO: 52), Bovine (SEQ ID NO: 53) and consensus (SEQ ID NO: 54). Abbreviations are the same as in Figure 6. "." indicates conserved amino acids; "-" indicates a gap inserted to maximize homology.

- On page 53, at line 26, delete "Tables 2 and 3" and replace with --Figs. 8 and 9--
- On page 54, at line 12, delete "Table 2" and replace with --Fig. 8--
- On page 54, at line 14, delete "Table 2" and replace with --Fig. 8--
- On page 54, at line 20-21, delete "Table 2" and replace with --Fig. 8--
- On page 55, at line 4, delete "Table 2" and replace with --Fig. 8--
- On page 55, at line 13, delete "Table 2" and replace with --Fig. 8--
- On page 55, at line 21, delete "Table 2" and replace with --Fig. 8--
- On page 55, at line 31, delete "Table 3" and replace with --Fig. 9--
- On page 56, at line 4, delete "Table 3" and replace with --Fig. 9--
- On page 56, at line 8, delete "Table 3" and replace with --Fig. 9--
- On page 57, at line 11, delete "(Tables 2 and 3)" and replace with --(Figs. 8 and 9)--
- On page 68, at line 29, delete "Table 4" and replace with --Fig. 10--
- On page 69, at line 2, delete "Table 4" and replace with --Fig. 10--